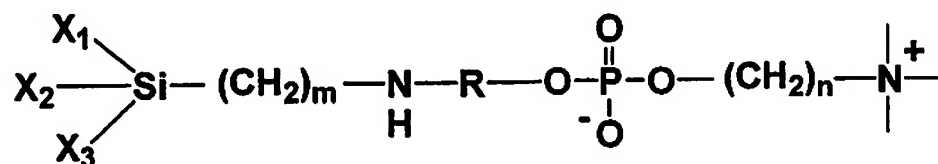


IN THE CLAIMS:

Kindly amend claims 1-2 and 4-8 as follows:

1. (Currently Amended) A phosphorylcholine group-containing chemical compound represented by the following formula (1):



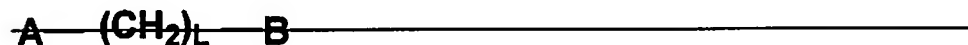
(1)

wherein, m denotes 2-6 and n denotes 1-4,

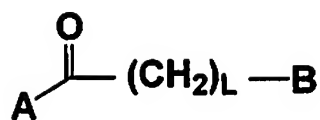
X₁, X₂, and X₃, independent of each other, denote a methoxy group, ethoxy group, or halogen;

up to two of X₁, X₂, and X₃ can be any of the following groups: a methyl group, ethyl group, propyl group, isopropyl group, butyl group, or isobutyl group; and

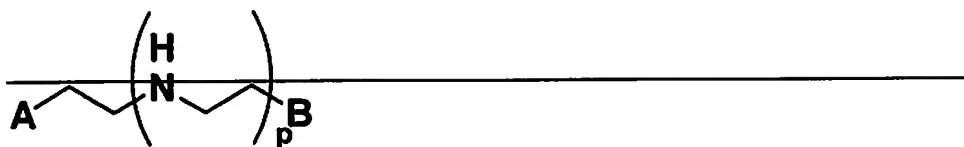
R is represented by one of the structures in the following formula (3) formulas (2) (4) (the chemical compound of formula (1) in the ~~structures~~ structure of the following formula (3) ~~formulas (2) (4)~~ is expressed as A-R-B):



(2)



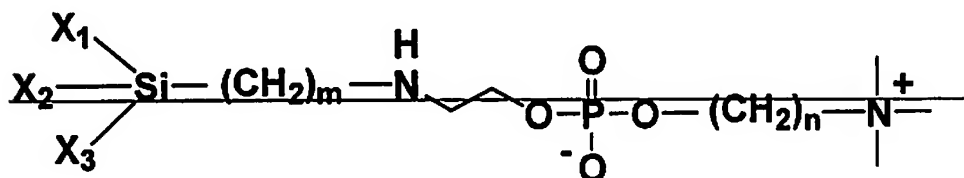
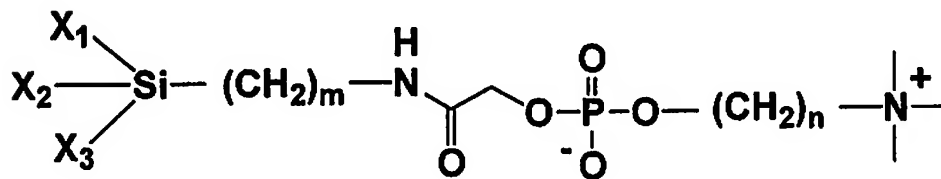
(3)



(4)

wherein, in formula (3) ~~formulas (2)-(4)~~, L is 1-6, and ~~P~~ is 1-3.

2. (Currently Amended) A phosphorylcholine group-containing chemical compound represented by the following formula ~~(5)~~ or (6):

~~(5)~~

(6)

wherein, in these formulas, m denotes 2-6; n denotes 1-4[.]; X₁, X₂, and X₃, independent of each other, denote a methoxy group, ethoxy group, or halogen; and up to two of X₁, X₂, and X₃ can be any of the following groups: a methyl group, ethyl group, propyl group, isopropyl group, butyl group, or isobutyl group.

3. (Previously Presented) A surface modifier consisting of the phosphorylcholine group-containing chemical compound of claim 1.

4. (Currently Amended) A method of manufacturing the compound represented by said formula (6) of claim 2, wherein:

a compound having a phosphorylcholine group and a carboxyl group is synthesized by means of an oxidation reaction of glycerophosphorylcholine using sodium periodate and ruthenium trichloride; and

synthesis is carried out by using a condensation agent on an organic silane compound having an amino group and the compound having a phosphorylcholine group and a carboxyl group.

5. (Currently Amended) Modified powder having phosphorylcholine groups on a surface thereof, said phosphorylcholine groups introduced to the surface by treatment of the modified powder treated with the surface modifier of claim 3.

6. (Currently Amended) A chromatography packing consisting of a modified carrier having phosphorylcholine groups on a surface thereof, said phosphorylcholine groups introduced to the surface by treatment of the modified carrier ~~treated~~ with the surface modifier of claim 3.

7. (Currently Amended) A modified filter having phosphorylcholine groups on a surface thereof, said phosphorylcholine groups introduced to the surface by treatment of the surface ~~treated~~ with the surface modifier of claim 3.

8. (Currently Amended) A glass experimental device ~~[[whose]]~~ having phosphorylcholine groups on a surface thereof, said phosphorylcholine groups introduced to the surface by treatment of the surface ~~is treated~~ with the surface modifier of claim 3.

9. (Previously Presented) A surface modifier consisting of the phosphorylcholine group-containing chemical compound of claim 2.